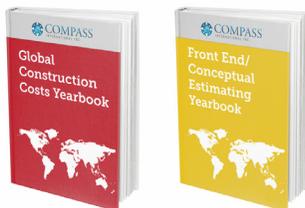




Floating Production Storage & Offloading Facility (FPSO - New Build)

Final Production Location Offshore West Africa
 Fabricated in South East Asia - Towed to West Africa
 Engineered in S.E. Asia, Eastern & Southern Europe
 250M X 75M X 40M in 100' deep water
 2015 Cost Basis in US \$'s

#	DESCRIPTION	TONS	\$ COST (L&M)	TOTAL (L&M)	% SPLIT
1	Hull steel, cathodic protection & coatings	97,660	2,175	212,410,500	7.86%
2	Hull outfitting, includes cranes, mooring equipment, life boats, miscellaneous piping	5,265	7,795	41,040,675	1.52%
3	Hull Equipment (pumps minor utility equipment)	680	1,425	969,000	0.04%
4	Hull Engineering (4.7%)	-	-	11,880,000	0.44%
5	Production, Storage & Offloading Scope - Process / Mechanical / E & I Outfitting, emergency generator, lighting, transfer pumps, cable, cable trays, instrumentation, painting	2,910	16,776	48,818,160	1.81%
6	Living quarters / Control room / kitchen for 20-25 operators	625	30,955	19,346,875	0.72%
7	Equipment - Piping modules / skid packages	1,620	12,824	20,774,880	0.77%
8	Upper Deck / Topsides module structural supports	2,270	1,220	2,769,400	0.10%
9	Gas storage tanks / manifolds	8,960	23,870	213,875,200	7.91%
10	Top side modules	53,998	32,784	1,770,270,432	65.47%
11	Guide wires / anchors & chains	886	9,290	8,230,940	0.30%
12	Loading arm, turret and helipad	2,850	16,393	46,720,050	1.73%
13	Risers / Manifolds / Emergency shut down systems	2,043	18,775	38,357,325	1.42%
14	Ocean Tow			7,430,000	0.27%
14	Field Installation / Mating / Risers / Hook Up			8,840,000	0.33%
16	FEED Study / FE Engineering			9,500,000	0.35%
17	General Conditions / Preliminaries / Onshore Temporary Establishment / Travel Expenses			2,900,000	0.11%
18	Detailed Design / Procurement / CM / PM-PC-Consultants (excludes Owner Engineering / CM Costs)			139,945,000	5.18%
19	Contingency / Management Reserve			100,000,000	3.70%
TOTAL		179,767	15,042	2,704,078,437	100.00
Cost per Ton		\$15,042			
Cost per Ton Range (High)		\$20,307			
Cost per Ton Range (Low)		\$12,034			



View our annual cost estimating yearbooks at www.compassinternational.net



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